

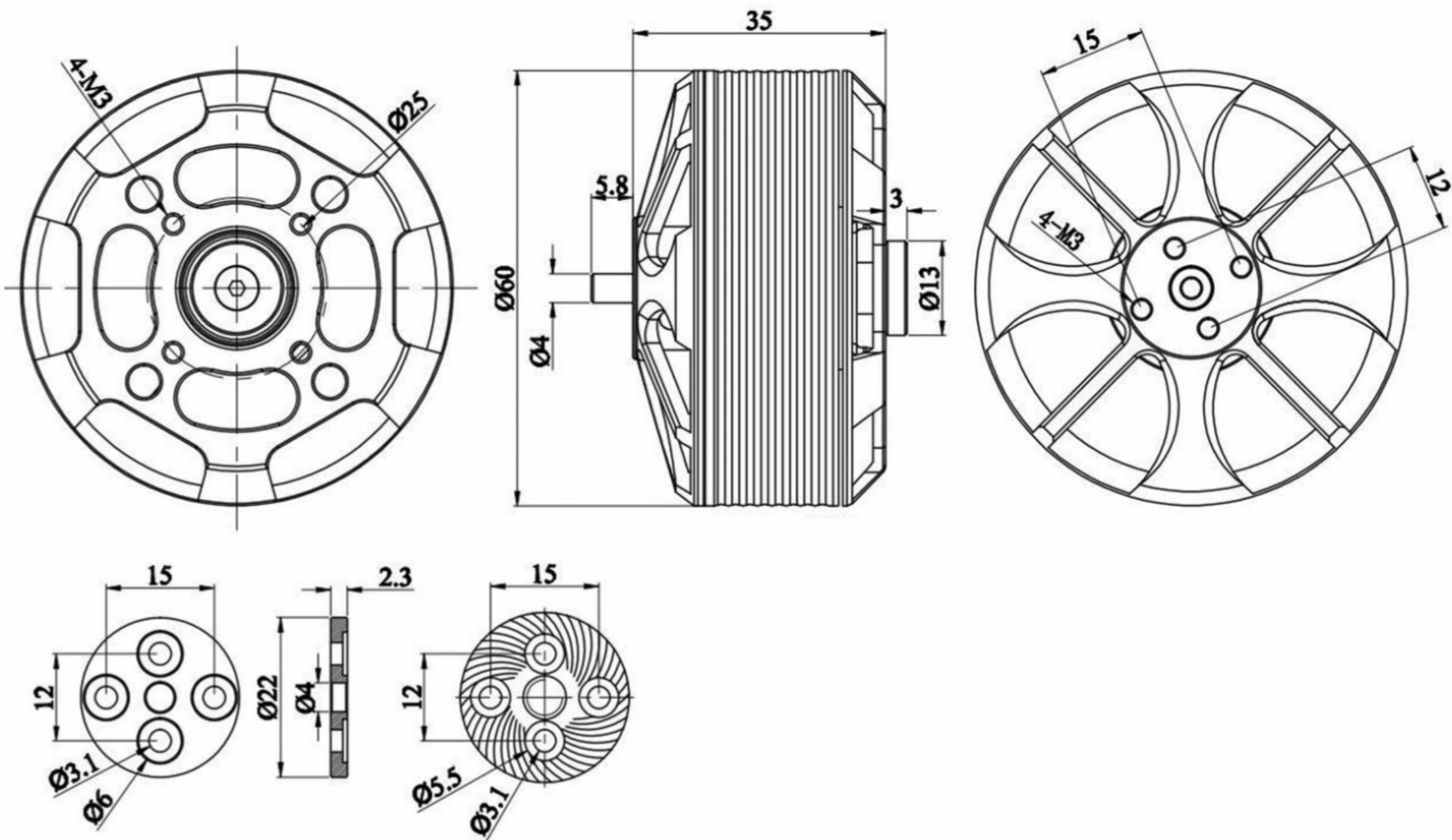


Pilotix 5215 340KV brushless motor designed for FPV applications. Features a 24N22P configuration with a 52x15mm stator size, providing maximum power output of 1270W at maximum current of 53A. Operates within a voltage range of 11.1V to 33.6V with a rated voltage of 33.6V and internal resistance of 38.3mΩ. No-load current measures 1.1A at 10V. Motor dimensions are 60mm diameter by 35mm height with a 4mm diameter shaft extending 5.8mm. Utilizes 25x25mm M3 mounting pattern. Unit weighs 289g.

Product details	
Model	5215 340KV
SKU	7125
Electrical specification	
Motor KV	340 KV
Rated voltage	33.6 V
Operating voltage range	11.1 - 33.6 V
Maximum current	53 A
Maximum power	1270 W
No-load current	1.1 A @ 10 V
Internal resistance	38.3 mΩ
Mechanical specifications	
Configuration	24N22P
Stator size	52 x 15 mm
Shaft size	4 x 5.8 mm
Motor dimensions	60 x 35 mm
Mounting	25 x 25 mm (M3)
Weight	289 g
Common	

Warranty	2 years
----------	---------

Mechanical specification



Motor performance data

5215-340KV							
Prop (inch)	Throttle (%)	Voltages (V)	Load Current (A)	Power(W)	Pull(g)	Efficiency(g/W)	Temperature(in full throttle load 1min)
CF2055TM	50%	24.0	7.6	182.4	1720	9.43	73℃
	53%	24.0	10	240.0	2030	8.46	
	55%	24.0	12	288.0	2280	7.92	
	58%	24.0	14	336.0	2510	7.47	
	60%	24.0	16	384.0	2800	7.29	
	62%	24.0	18	432.0	3070	7.11	
	64%	24.0	20	480.0	3240	6.75	
	66%	24.0	22	528.0	3460	6.55	
	68%	24.0	24	576.0	3650	6.34	
	69%	24.0	26	624.0	3800	6.09	
	72%	24.0	28	672.0	4020	5.98	
	73%	24.0	30	720.0	4190	5.82	
	76%	24.0	32	768.0	4380	5.70	
	77%	24.0	34	816.0	4570	5.60	
	79%	24.0	36	864.0	4730	5.47	
	100%	24.0	43.3	1039.2	5360	5.16	